

Sprint 3 Plan

Target platform : Windows

Program language : Python

Heading:

product name: System Monitor

team name: SMS

sprint completion date: 7/25/2016

revision number: 2 & revision date: 7/22/2016.

Goal: Convert raw system resources usage data into human-readable information and provide (graphical) UI for user to monitor system resources usage such as CPU, memory, disks and internet.

Task listing, organized by user story:

Since we extracted our data from the system, our output to the system resource usages would certainly be right and obvious; therefore, a unit test is not going to be useful to test our data. We would like to make a test script for the parts that need to test such as the alert function.

Since the data will be right when we run our program, we would just have to make sure that all of our codes work in order to run. This was finished in sprint 2.

User story 1 (to ensure we are getting data from our system once again): As a user, I need to access my system monitor, so that I would know how much resource usage each program uses.

Task 1:

- make sure we are getting data (memory, cpu, disk, and network usage) from the system -1.5 hrs
- make sure we are getting the detailed data from the system --1.5 hrs

User story 2: As a user, I want to be notified when I'm using more resources than usual, so that I can monitor my programs more meaningfully.

Task 1: create a test script to make sure our alert function works so the user can get notifications -3 hrs

User story 3: As a user, I want to have a logo for my program, so that I can recognize it easily.

Task 1: create logo -1 hr

User story 4: As a user, I want to see network usage with a line graph, so that I can recognize its progress.

Task 1: add line graph - 5 hours

Team Role:

Bowen Yi: Designer, Programmer

Cen Wang: document writer

Jaeyeong An: Programmer

Dongnak Kim: Programmer

Task assignment:

Jaeyeong An: User story 4 --- Task 1

Dongnak Kim: User story 4 --- Task 1

Bowen Yi: User story 1, 2 --- Task 1

Cen Wang: User story 1, 3 ---Task 1

Scrum Board:

User Story	To Do	In progress	Done
to ensure we are getting data from our system			Checked codes that call the system data
To ensure alert function works		Created alert test function	
Need a logo		Created logo	
Visualize usages in a different way		Created line graphs	

Scrum Times:

Wednesdays after class

Thursday 5PM

Friday 4PM

Sunday 5PM